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IN THE UNITED STATES PATENT AND TRADEMARK

Box New Patent Application
Commissioner for Patents
Washington, D.C. 20231

Atty Docket No.: 18973-74 (P01-3801US)

JC973 U.S. PTO
10/033738
12/27/01

FILING TRANSMITTAL

Transmitted herewith for filing is the Patent Application of : Parthasarathy Ranganathan,
William Hambrugen and James Gettys

For: "SOFTWARE-DIRECTED, ENERGY-AWARE CONTROL OF DISPLAY"

ENCLOSURES

- ☒ 30 page application including specification, claims and abstract;
☒ 9 sheets (Figs. 1A - 6B) of ☒ informal/☐ formal drawings;
☒ A Declaration, Power of Attorney & Petition (☐ signed/☒ unsigned);
☒ A postcard for return to us as proof of receipt of the referenced documents.
- and
- ☐ An Assignment of the invention with an assignment cover sheet;
☐ Applicant claims small entity status (Under 37 CFR 1.27);
☒ IDS (form PTO-1449) and copies of references;
☐ An Associate Power of Attorney;
☐ A certified copy of the priority document (Under 35 USC 119);
☐ A Power of Attorney by Assignee;
☐ Other.

TYPE OF FILING

- ☐ This application claims the benefit of an earlier filed U.S. Patent Application (35 USC 120).
☐ This application claims the benefit of the priority date of an earlier filed provisional patent application (35 USC 119).
☐ This is an application filed pursuant to 37 CFR 1.53, permitting receipt of a filing date upon filing of specification, claims and drawings, if required, with applicant being given a period of one month from the date of notice to file the fee and oath or declaration.
☒ In the event any parts of this application are missing, please treat this as a filing under 37 CFR 1.53 as defined just above.

CERTIFICATE OF MAILING (37 CFR 1.10(A))

CERTIFICATE OF MAILING BY "EXPRESS MAIL" - Rule 10: I hereby certify that this correspondence is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 as Express Mail No. EL745061953US addressed to the Commissioner for Patents, Washington, D.C. 20231 on December 27, 2001, by Yolette Yturralde-Owen.

Date: December 27, 2001

Yolette Yturralde-Owen

FEE CALCULATION

The filing fee has been calculated as shown below:

				SMALL ENTITY	OR	OTHER THAN A SMALL ENTITY	
BASIC FEE Design Patent				\$165	\$	\$330	\$
BASIC FEE Utility Patent				\$370	\$	\$740	\$740
EXTRA FEES				RATE	FEE	RATE	FEE
Total claims	32	minus 20 =	12	x9 =	\$0	x18 =	\$198
Independent Claims	4	minus 3 =	1	x42 =	\$0	x84 =	\$84
<input type="checkbox"/> Multiple Dep. Claim				+140 =	\$	+280 =	\$0
<input type="checkbox"/> Assignment				+40 =	\$	+40 =	\$0
<input type="checkbox"/> Rule 53 Surcharge				+65 =	\$	+130 =	\$0
TOTAL					\$		\$1,022

FEE PAYMENT

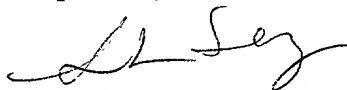
- ☐ Attached is Check No. _____ in the sum of \$0.00 to cover the filing fee.
- ☐ Please charge Account No. 02-3964 the sum of \$ _____

FEE DEFICIENCY

- ☐ Please charge Account No. 02-3964 in the sum of \$ _____
- ☐ The Commissioner is authorized to charge (or credit any overpayment) to deposit account No. 02-3964:
- ☐ Any additional filing fees required under 37 CFR 1.16, except Rule 53 filings, which will be paid within the time permitted by PTOL 1533.
 - ☐ Assignment Recordal fees.
- ☒ The filing fee and surcharge under 37 CFR 1.16, patent application processing fees under 37 CFR 1.17 and patent issue fees under 37 CFR 1.18 are intended to be paid by our firm as they arise. As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 02-3964.
- ☐ A duplicate copy of this sheet is enclosed.

Dated: December 27, 2001

Respectfully submitted,



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